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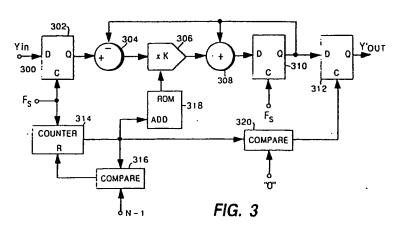
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Adjustable antialias filters.

(3) A programmable sampled data subsampling system includes a programmable antialias filter which bandlimits the information bandwidth of the signal to be subsampled in accordance with the subsampling rate. The antialias filter includes a recursive filter which scales and combines (304,306,308) input samples and delayed (310) com-

bined samples in proportions of K and (1-K) where K is a variable. The variables K are applied (314,316,318) to the recursive filter in repeating sequences of N values of K where N is the subsampling factor. Every Nth combined sample is extracted (312,320) and provided as the subsampled signal.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 0818

DOCUMENTS CONSIDERED TO BE RELEVANT					OLAROSCIOATION OF THE
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Α	IDEM		2,4	.7	
Y	CONFERENCE, vol. 28, 13ti 80-81,313, Coral Gables, Flo converters"; M.W. HAUSER bination that does not require	AL SOLID-STATE CIRCUITS h February 1985, pages orida, US, session VII: "Data et al.: "MOS ADC-filter come precision analog componen, line 42 - page 81, left-hand	- nts"		
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	Place of search The Hague Date of completion of search 22 November 90				Examiner
				WRIGHT J.P.	
Y: A: O: P:	CATEGORY OF CITED DOCL particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure Intermediate document theory or principle underlying the in	h another D L &	the filing of document document	late cited in th cited for c	ent, but published on, or after the application of their reasons patent family, corresponding